

08-06-01

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JC845 U.S. PTO

Please type a plus sign (+) inside this box ☐

PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2081.0
First Inventor	DIWU
Title	Derivatives of 1,2-Dihydro-7-Hydroxyquinolines Containing Fused Rings
Express Mail Label No.	EL 770157724 US

JC872 U.S. PTO
09/922333

08/04/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 118]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
- Oath or Declaration [Total Pages]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS


- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: _____ / _____
Prior application information:		Examiner _____	Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label				or	<input type="checkbox"/> Correspondence address below
Name	23358				
PATENT TRADEMARK OFFICE					
Address					
City	State	Zip Code			
Country	Telephone	Fax			

Name (Print/Type)	Allegra J. Helfenstein	Registration No. (Attorney/Agent)	34,179
Signature	Allegra J. Helfenstein	Date	Aug. 4, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)
727.**Complete if Known**

Application Number

Filing Date

First Named Inventor

Diwu

Examiner Name

Group Art Unit

Attorney Docket No.

2081.0

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

13-3900

Deposit
Account
Name

Molecular Probes, Inc.

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17

- ☒
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)

Code (\$)

Fee Paid

101	710	201	355	Utility filing fee	355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)
355**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
40	-20** = 20	39	252
6	-3** = 3	840	120
Multiple Dependent			

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)

Code (\$)

103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)
372

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**Large Entity Small Entity
Fee Fee Fee Fee
Code (\$)

Fee Description

Fee Paid

105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type)

Allegra J. Helfenstein

Registration No.

34,179

Complete (if applicable)

Telephone

(541) 465-8300

Signature

Allegra J. Helfenstein

Date

Aug. 4, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT APPLICATION TRANSMITTAL LETTER

To the Assistant Commissioner for Patents:

Transmitted herewith for filing under 35 U.S.C. § 111(a) and 37 CFR § 1.53(b)(1) is the patent application of **Zhenjun Diwu, Jiaxing Liu, Richard P. Haugland, and Kyle R. Gee** entitled **DERIVATIVES OF 1,2-DIHYDRO-7-HYDROXYQUINOLINES CONTAINING FUSED RINGS**.

Enclosed are:


- ☒ 118 pages of written description, claims and abstract
- ☒ 3 sheets of drawings
- ☐ an assignment of the invention to __, including an assignment cover sheet and a certificate under 37 CFR § 3.73(b)
- ☐ executed declaration of the inventors
- ☐ a certified copy of a _____ application
- ☐ associate power of attorney
- ☒ other: postcard

CLAIMS AS FILED

CLAIMS AS FILED				
	NUMBER FILED	NUMBER EXTRA	RATE	FEE
BASIC FEE (37 CFR § 1.16(a))			\$.00	\$355
TOTAL CLAIMS (37 CFR § 1.16(c))	48 - 20 =	* 28	X \$.9	\$252
INDEPENDENT CLAIMS (37 CFR § 1.16(b))	6 - 3 =	*3	X \$40	\$ 120
MULTIPLE DEPENDENT CLAIM PRESENT	(37 CFR § 1.16(d))		\$	
*NUMBER EXTRA MUST BE ZERO OR LARGER				
If applicant has small entity status under 37 CFR §§ 1.9 and 1.27, ENTITY then divide total fee by 2, and enter amount here. TOTAL			SMALL	\$727

- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 13-3900 as described below. I have enclosed a duplicate copy of this sheet
- ☒ Charge the amount of \$ 727. as filing fee.
- ☒ Credit any overpayment and charge any additional filing fees required under CFR §§ 1.16 and 1.17.

CFR §§ 1.16
Aug. 4, 2001
Date


Signature
Allegra Helfenstein
Registration No. 34,179
Molecular Probes, Inc.
P.O. Box 22010
Eugene, OR 97402-0469

CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label



23358

~~PATENT TRADEMARK OFFICE~~

CERTIFICATE OF MAILING BY EXPRESS MAIL

I HEREBY CERTIFY THAT THIS PAPER AND THE DOCUMENTS REFERRED AS BEING ATTACHED OR ENCLOSED HERewith ARE BEING FILED UTILIZING EXPRESS MAIL POST OFFICE TO ADDRESSEE SERVICE OF THE UNITED STATES POST OFFICE AND ARE BEING DEPOSITED AS EXPRESS MAIL WITH THE UNITED STATES POSTAL SERVICE ON August 4, 2001 WITH MAILING LABEL NUMBER EL 770157724 US IN AN ENVELOPE ADDRESSED TO: BOX PATENT APPLICATION, COMMISSIONER FOR PATENTS, WASHINGTON DC 20231

Allegra Helfenstein

REG. NO. 34,179